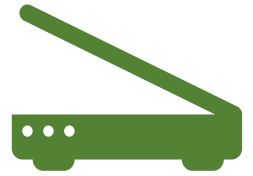


# Determining DPI Print Size Requirements



The basic rule for larger photographic prints (8x10) which contain more detail is 600 dpi (dots per inch). That will capture adequate image detail and allow for a quality reproduction. However, when scanning smaller prints (4x5 or less), I recommend increasing the dpi setting to 1600 or more to retain detail.

However, my archival approach is based upon the need to research image details, to retain the highest degree of image preservation possible and therefore the process requires me to utilize higher dpi numbers.

<b>Print Size:</b>	2" x 3"	3" x 5"	4" x 5"	5" x 7"	8" x 10"
<b>DPI Setting:</b>	3200	2400	1600	1200	600

My selected dpi numbers are based solely on my desire to obtain the highest quality TIFF file regardless of storage needs. I need to be able to zoom into small areas to discern details such as calendars on walls, names on signs, license plate numbers and shapes hidden in shadows. Therefore, I will sometimes opt to scan an 8 x 10 photograph, map or document at 1200 dpi to preserve every detail.



High resolution scan at 300 dpi is suitable for both viewing and printing detail



Low resolution scan at 72 dpi looks crisp on a monitor but will look choppy when enlarged for viewing or printing